ANCHORAGE WATER & WASTEWATER UTILITY

Operations & Maintenance Division
325 East 94th Court
Anchorage, Alaska 99515-2111
(907) 267-4505

Tom Fink,
Mayor

Owned by the Municipality
of Anchorage

December 17, 1990

~~Chuck~~ Fish T.
Sent on to
1/7/91 BHed

Mr. Robert S. Burd, Director
Water Division, WD131
U. S. EPA, Region X
1200 Sixth Avenue
Seattle, Washington 98101

Subject: Anchorage Pt. Woronzof Monitoring Program
NPDES Permit AD-002255-1
ODES Data Submittal

Dear Mr. Burd:

As required by our NPDES permit, our ODES data disk for November, 1989 through September, 1990 monitoring is enclosed.

The ODES data are encoded on IBM PC-compatible floppy diskettes. As requested, this is a partial submittal. Receiving Water Quality and Bacteriology data will be forthcoming. The data file on the diskette is "Influent, Effluent, and Sludge" (ANCINEF6.ODS).

Sincerely,

Robert L. LeVar

Robert LeVar
Water Treatment Superintendent
ANCHORAGE WATER & WASTEWATER UTILITY

Enclosure: ODES Data Disk

cc: Jan Hastings, EPA, Region X, ODES Coordinator, WD137
Greg Kellogg, EPA, Region X, Compliance Section, WD135
George Wilson, ADEC, Anchorage
Floyd Damron, CH2M Hill

DESCRIPTION OF INFLUENT/EFFLUENT DATA SUBMITTED TO ODES

Because of the many types and sources of data that may be added to ODES, it is of great value for users to know the goals and techniques of each sampling program. Much of this information (so valuable for interpretation of data) is not inherent in the data itself; it can only be supplied in narrative form. Each data submitter is therefore requested to provide a descriptive overview of the sampling program. The following questions are intended to indicate the important issues which affect a data sets use and its' comparability to other data sets. The information supplied in response to these questions will help all ODES users choose data appropriate for their purposes. Answers to the following questions are requested for each influent/effluent pollution file submitted for addition to ODES. Please attach extra pages, if necessary. If the requested information is available in Annual or Quarterly monitoring reports, these may also be submitted.

Data set ID #: MOA90EFL.DAT File Type: 144E

Submitter: Kinnetic Laboratories, Inc.

Please give the name of an individual who can be contacted for additional information concerning this data set:

Mark A. Savoie (Name)

Kinnetic Laboratories, Inc. (Organization)

403 West 8th Avenue (Address)

Anchorage, Alaska 99501

Telephone: (907) 276 - 6178

1. If you have utilized the Series identification field to define subsets of your data, please provide a description of the code used and its' definition. If more than one Series ID was used, provide information for all codes.

   Series Number 1 (field position 8) was used to identify Summer-wet toxic pollutants and pesticides analyzed by Kinnetic Laboratories, Inc. in June 1990. Series Number 2 indicates corresponding data collected for the Summer-dry period in August 1990.

2. Please describe the goals of the sampling program.

   The objectives of influent, effluent, and sludge monitoring were to characterize toxic substances and to provide data for monitoring plant performance.

3. Please describe the equipment and techniques used for sample collection. In particular, the use of composite and grab samples for particular types of analyses is important to note. Please confirm the frequency and duration of composite sample collection.

   24 hour flow composite samples were taken for influent and effluent analysis; 24 hourly grab samples were taken for sludge samples.

4. How were samples handled during transportation and storage?

   Samples were stored and shipped in coolers with "blue" ice. Chain of custody forms were utilized for all samples.

5. Were field and transport blanks collected and analyzed?

   Field sample blanks were not appropriate to the study.

6. What component of the sample was analyzed, i.e., whole water, dissolved fraction, or suspended particulates? If whole water was fractionated into suspended and dissolved parts, what filter size was sized?

   Whole water samples were analyzed.

7. Please provide the following information on analytical techniques for each class of chemical compounds. (Please attach on a separate sheet).

Analyte	Sample Size	Container Type and Preparation	Sample Preservation	Holding Time Range	Method	Instrumentation	Detection Limits

This data is already incorporated in the ODES data set for each chemical compound.

8. Please provide the following information on the frequency of laboratory quality control checks and provide a copy of the results of any such analyses. (Please attach information on a separate sheet).

Analyte	No. of Samples	No. of Duplicates	No. of Blanks	Matrix Spike Number	Matrix Spike Material Used	Matrix Spike Amt.	Analytical Standards Number	Analytical Standards Material Used

9. If results submitted to ODES have been corrected for blanks or recovery response, please describe the manner in which this has been done.

   Blank and recovery response data is contained in sets beginning with the "Z" record type. For the data collected in the June survey (Series #1) the water quality blank is labeled with Sample Number LS1; this blank data pertains to both influent and effluent data for that survey. June sludge blank data is labeled with Sample Number LS2 and pertains to the June sludge data. August survey data (Series #2) similarly is labeled LS3 for the water samples, and LS4 for corresponding sludge samples. These sample numbers should be found in the appropriate field in the "F" record (Position 84-86).

10. Please describe any features of this data set which may affect its' use to generally characterize environmental data.

    None

11. Please describe the quality assurance/quality control procedures used to verify the correct coding and entry of data.

    Daily monitoring data was double-keypunched and verified. June and August data was double-checked against laboratory data sheets.

12. If any other types of data were collected concurrently which have been or will be added to ODES, please indicate the appropriate ODES file type(s).

    File types AN144W and AN0098

13. In what report or document can the raw data be found? How could an individual obtain a copy of the raw data?

    Monitoring Program Annual Report, November 1989 - October 1990,
    Anchorage Water and Wastewater Utility
    Point Woronzof Wastewater Treatment Facility.